Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
Data File : BG037585.D
Acq On : 26 Oct 2018 17:51
Operator : JU/SJ
Sample : J5649-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DL-05B

Quant Time: Oct 27 03:52:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	46283	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	211230	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	143253	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	345353	20.00	ng	0.00
76) Chrysene-d12	21.76	240	311696	20.00	ng	-0.01
87) Perylene-d12	25.09	264	299575	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	178237	64.38	ng	0.00
7) Phenol-d6	7.24	99	281889	67.34	ng	-0.01
23) Nitrobenzene-d5	9.28	82	164267	43.56	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	110409	70.66	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	427940	45.05	ng	-0.01
79) Terphenyl-d14	20.08	244	769296	52.74	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.27	94	20238	4.582	ng	97
50) Dimethylphthalate	14.18	163	63156	5.699	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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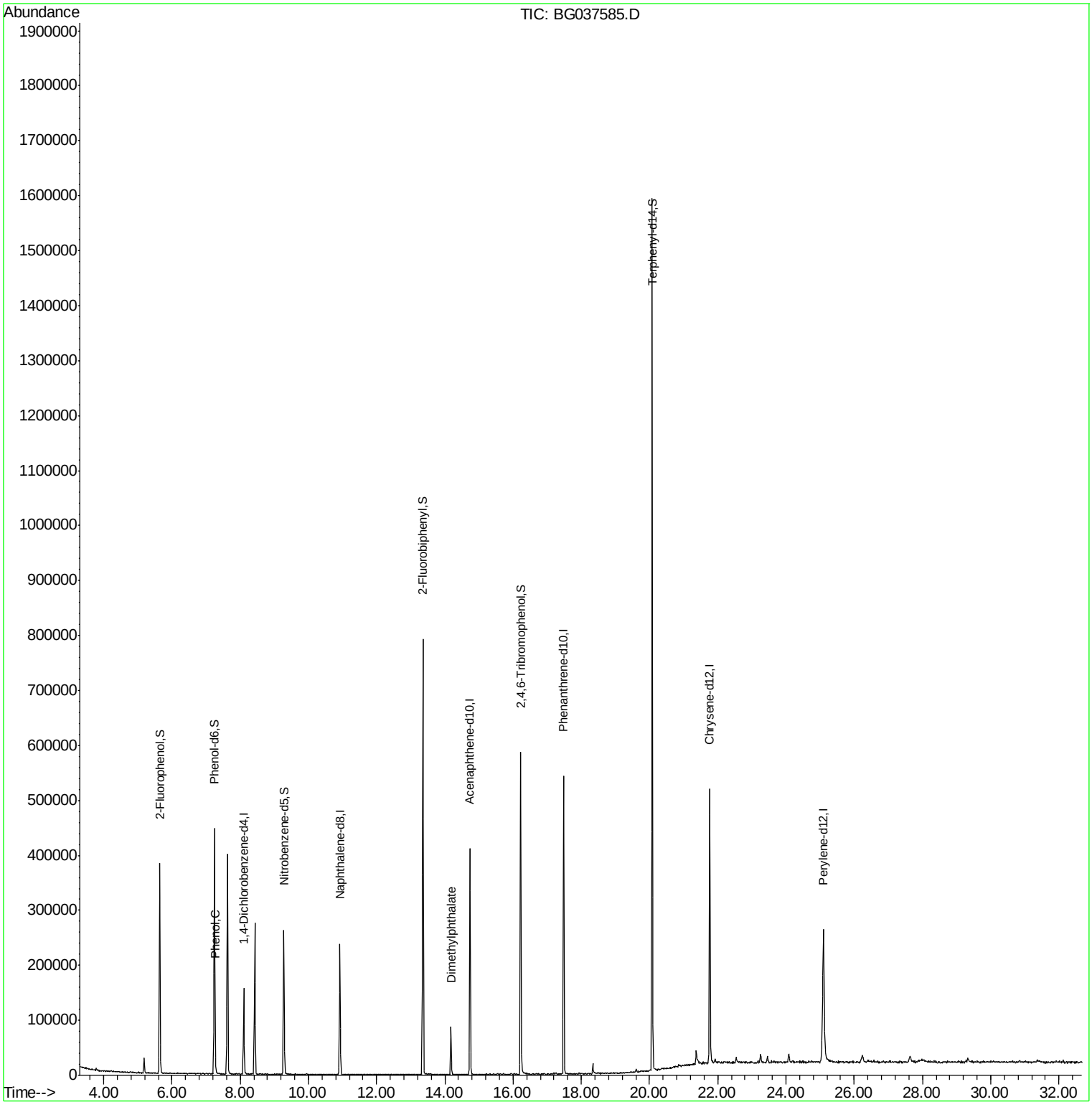
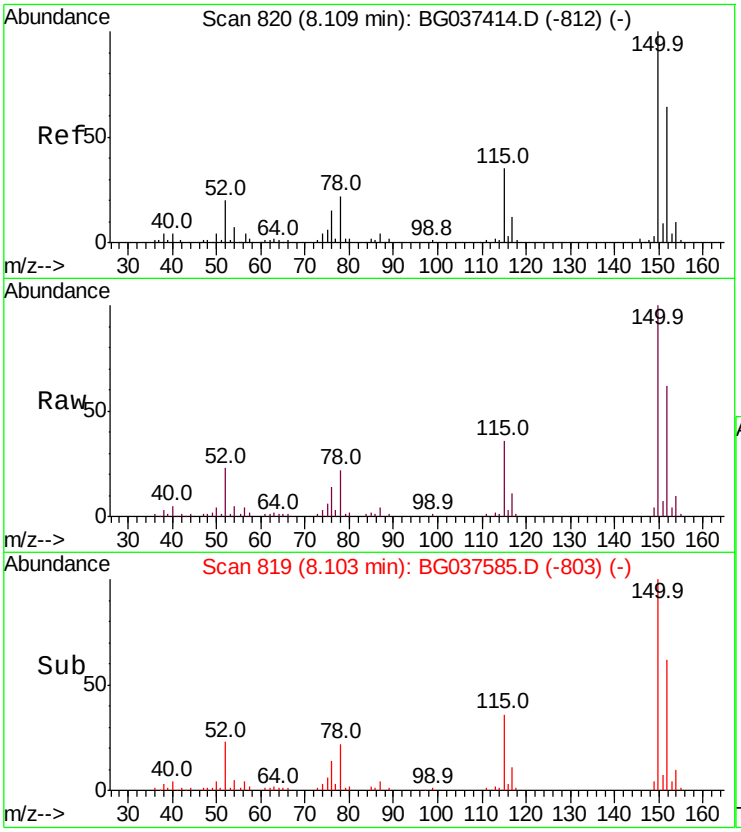


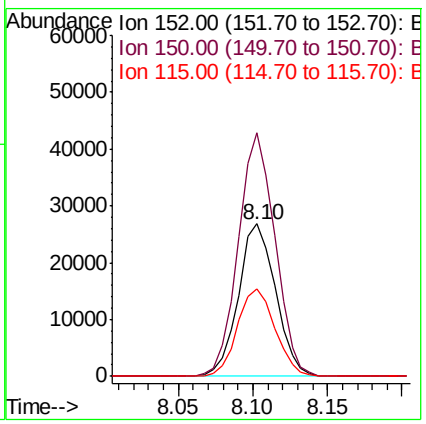


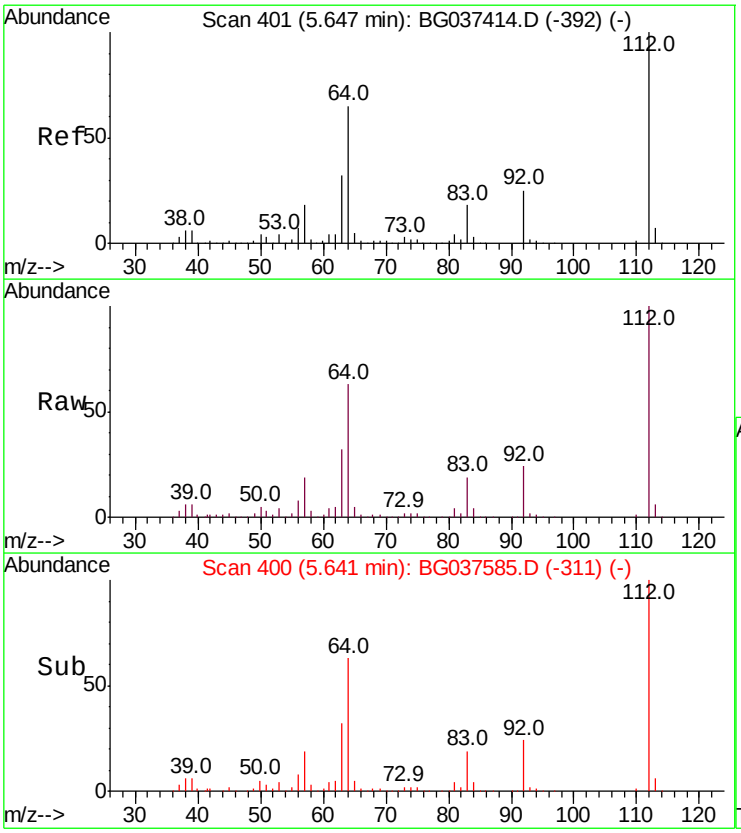
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037585.D
Acq: 26 Oct 2018 17:51

Instrument :
BNA_G
ClientSampleId :
DL-05B

Tgt Ion:152 Resp: 46283

Ion	Ratio	Lower	Upper
152	100		
150	160.1	126.0	189.0
115	57.5	45.5	68.3

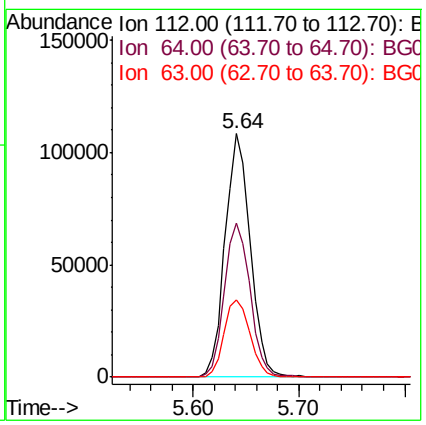


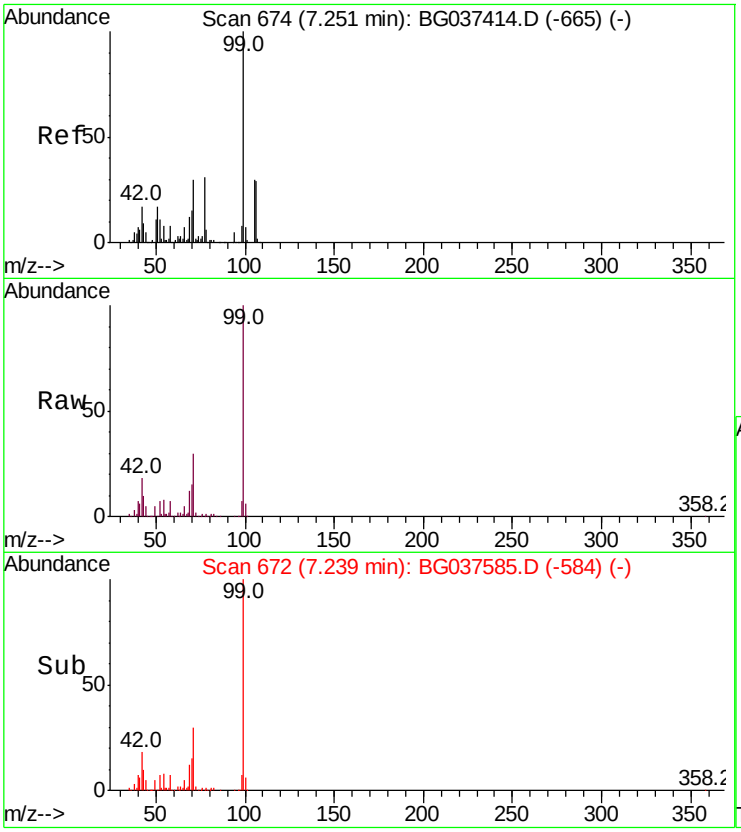


#5
2-Fluorophenol
Concen: 64.383 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037585.D
Acq: 26 Oct 2018 17:51

Tgt Ion:112 Resp: 178237

Ion	Ratio	Lower	Upper
112	100		
64	63.1	53.1	79.7
63	31.6	27.3	40.9



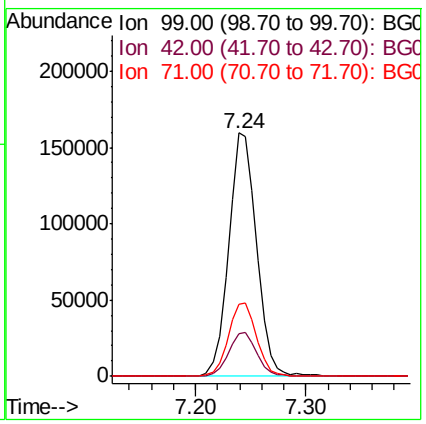


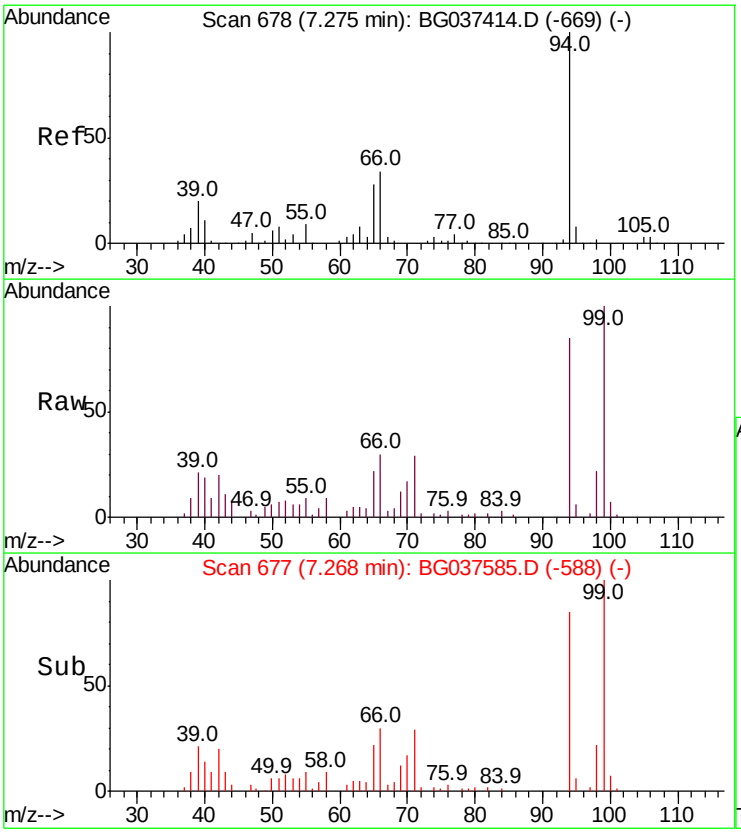
#7
Phenol-d6
Concen: 67.339 ng
RT: 7.24 min Scan# 672
Delta R.T. -0.01 min
Lab File: BG037585.D
Acq: 26 Oct 2018 17:51

Instrument :
BNA_G
ClientSampleId :
DL-05B

Tgt Ion: 99 Resp: 281889

Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.0	22.4
71	29.7	25.5	38.3

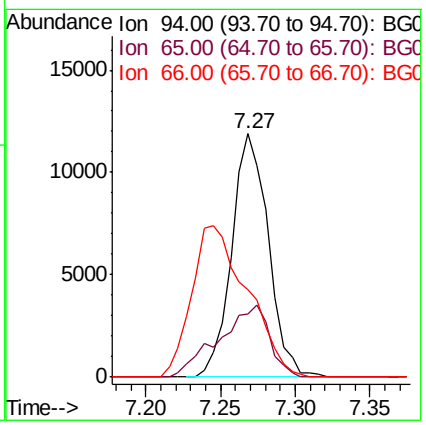


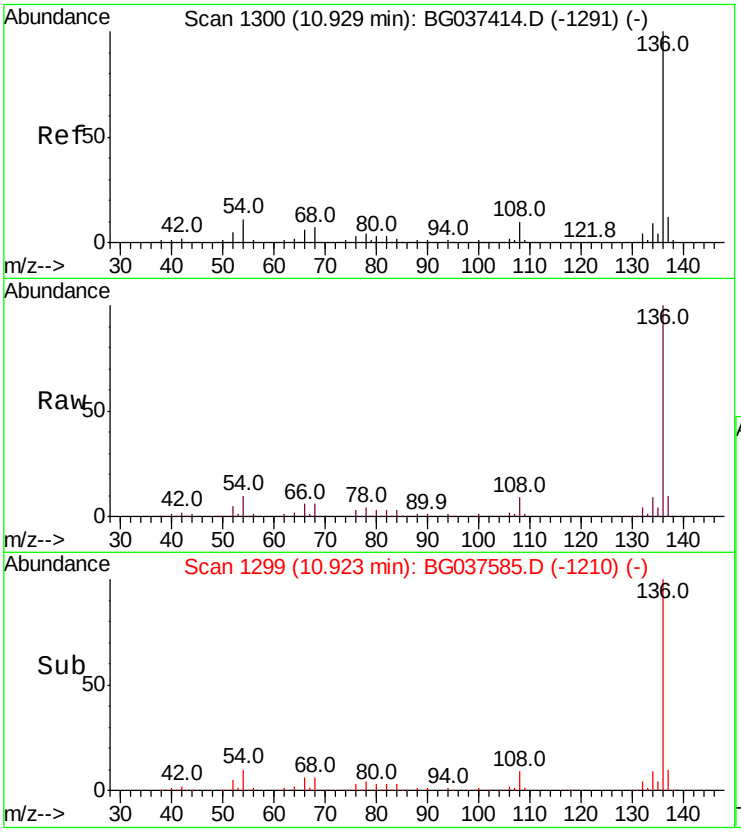


#10
Phenol
Concen: 4.582 ng
RT: 7.27 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG037585.D
Acq: 26 Oct 2018 17:51

Tgt Ion: 94 Resp: 20238

Ion	Ratio	Lower	Upper
94	100		
65	26.2	9.7	49.7
66	35.8	15.9	55.9



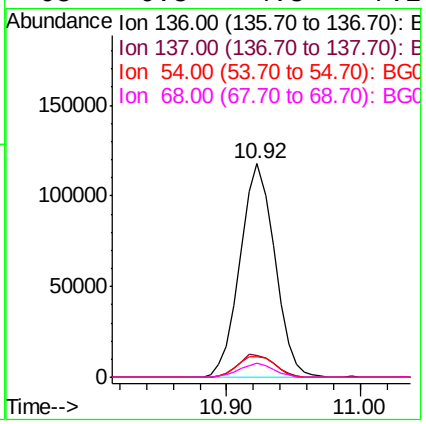


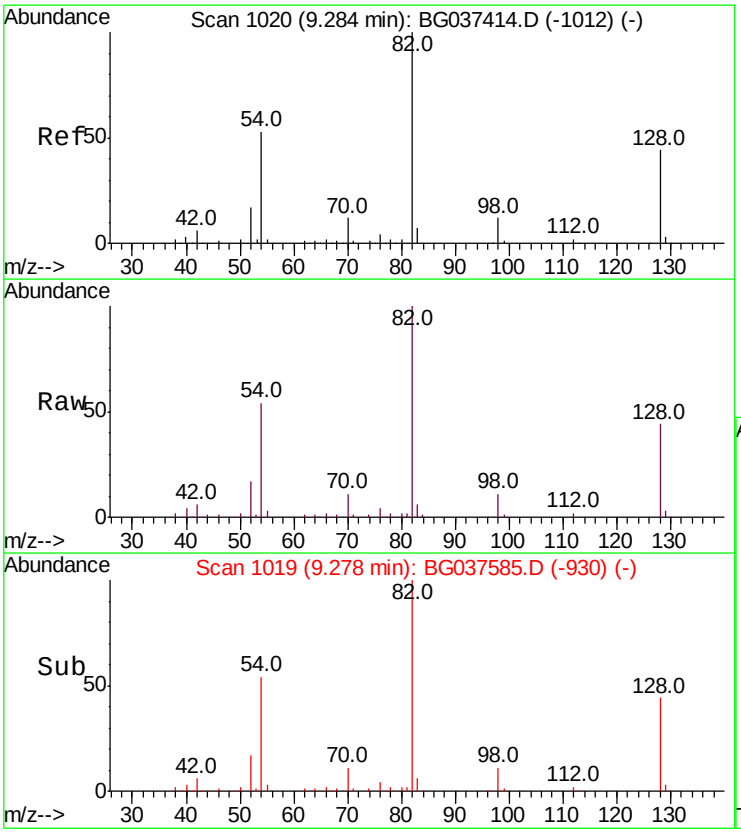
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037585.D
Acq: 26 Oct 2018 17:51

Instrument :
BNA_G
ClientSampleId :
DL-05B

Tgt Ion:136 Resp: 211230

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.6	14.4
54	9.8	7.9	11.9
68	6.3	4.8	7.2

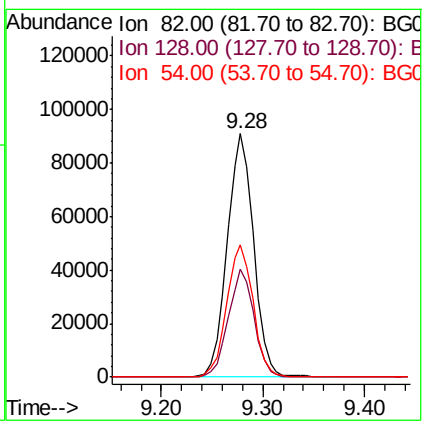


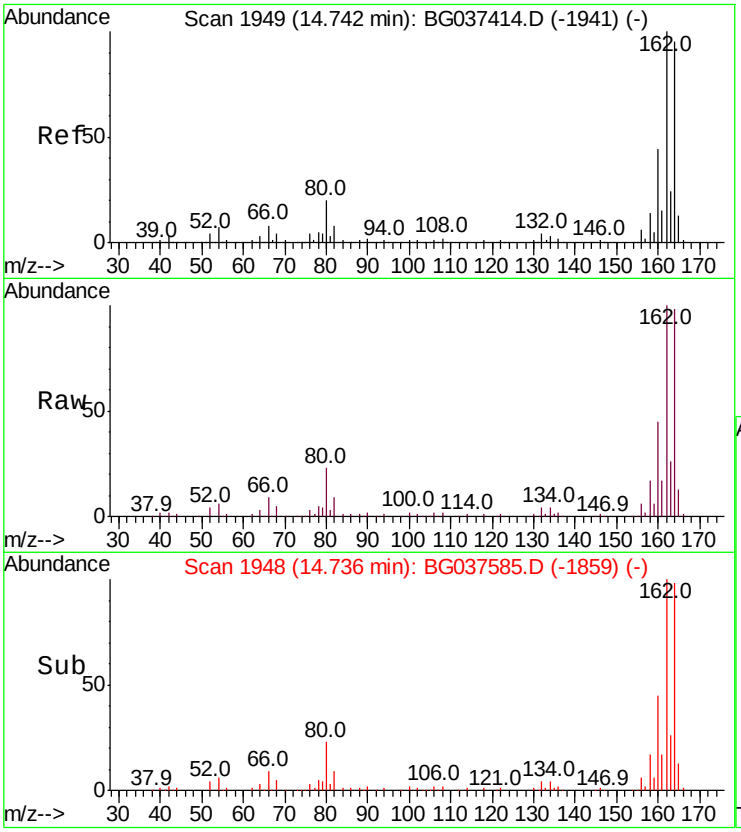


#23
Nitrobenzene-d5
Concen: 43.564 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037585.D
Acq: 26 Oct 2018 17:51

Tgt Ion: 82 Resp: 164267

Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	51.8
54	54.1	45.3	67.9



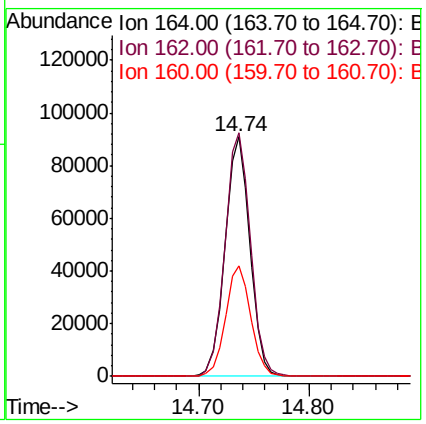


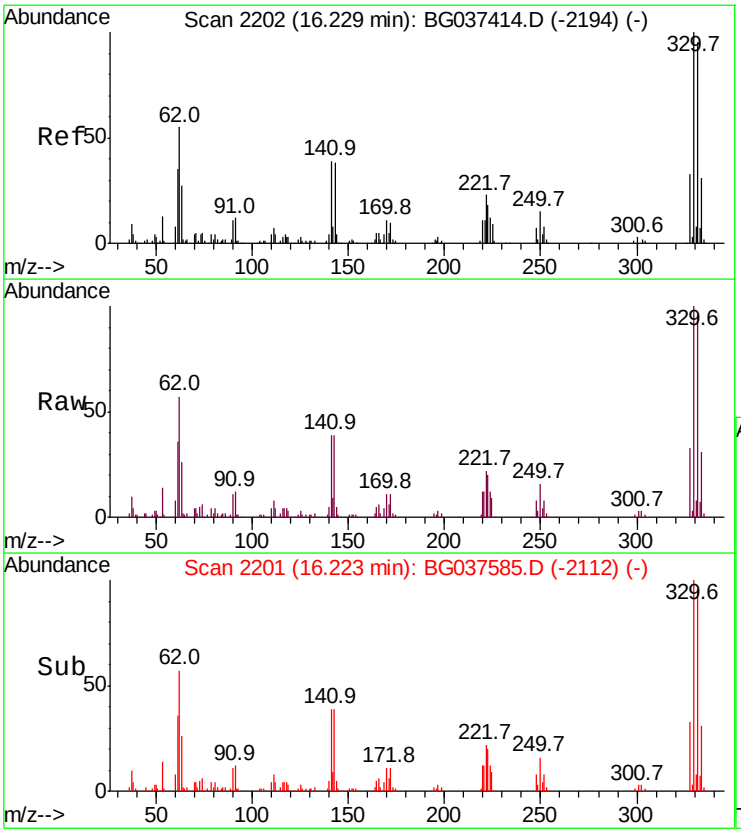
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037585.D
Acq: 26 Oct 2018 17:51

Instrument :
BNA_G
ClientSampleId :
DL-05B

Tgt Ion:164 Resp: 143253

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.3	121.9
160	46.0	36.3	54.5

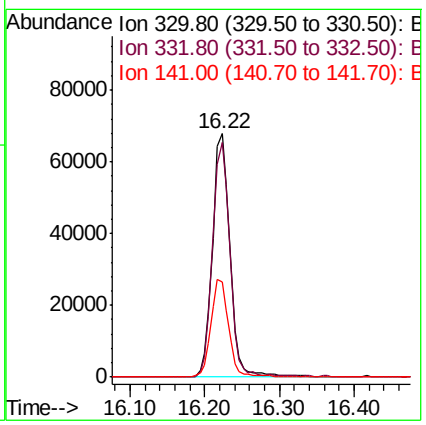


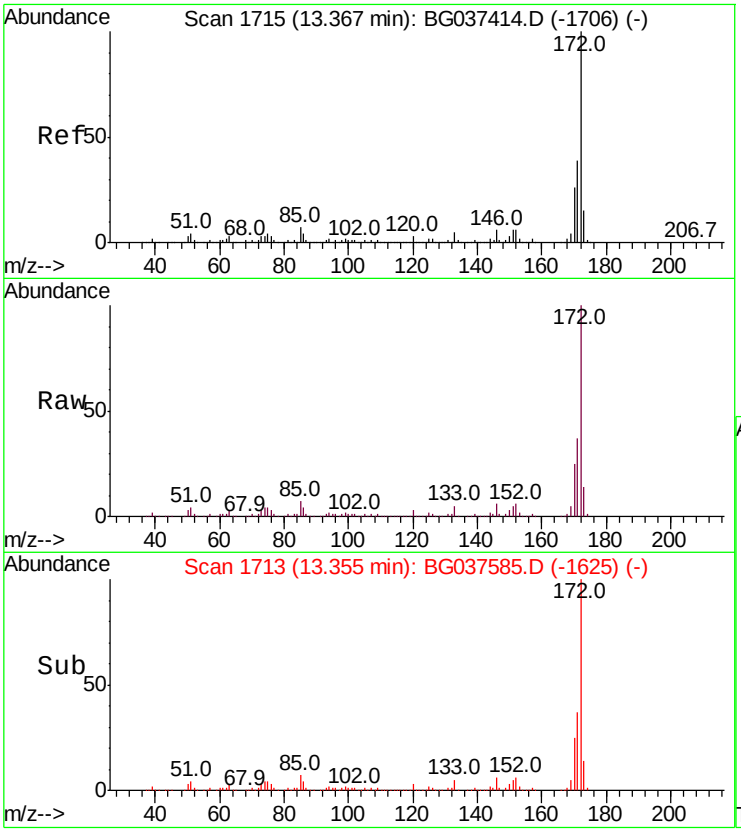


#42
2,4,6-Tribromophenol
Concen: 70.664 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037585.D
Acq: 26 Oct 2018 17:51

Tgt Ion:330 Resp: 110409

Ion	Ratio	Lower	Upper
330	100		
332	94.6	78.4	117.6
141	39.5	32.2	48.2



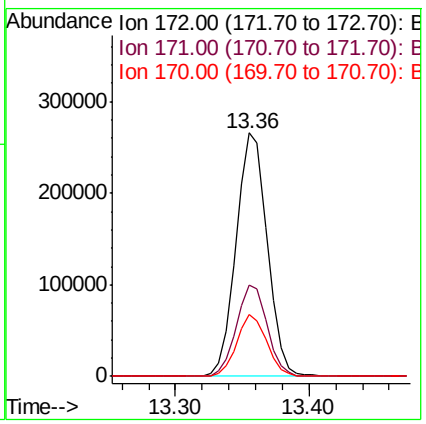


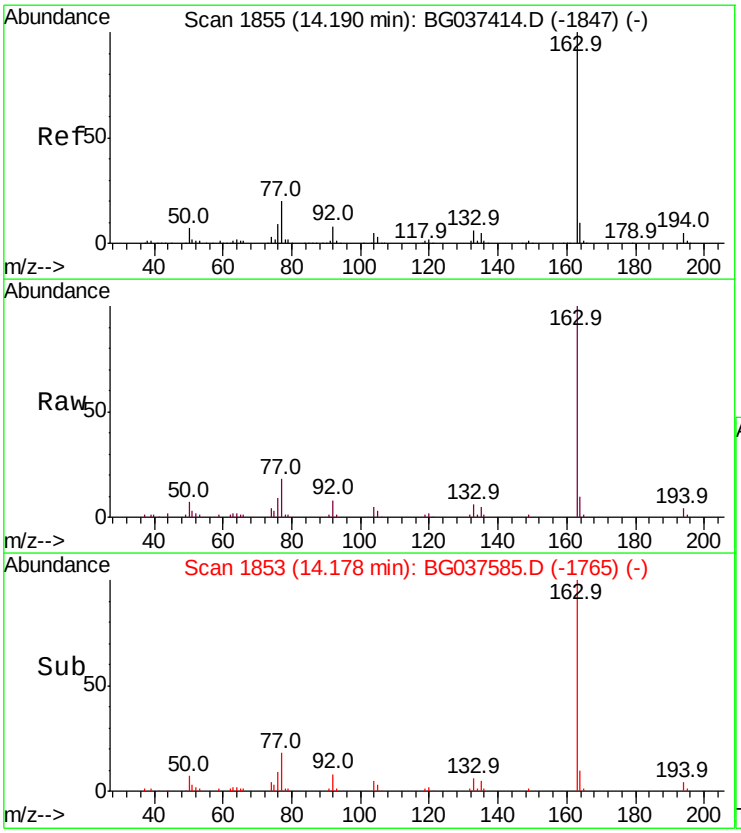
#45
2-Fluorobiphenyl
Concen: 45.047 ng
RT: 13.36 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037585.D
Acq: 26 Oct 2018 17:51

Instrument :
BNA_G
ClientSampleId :
DL-05B

Tgt Ion:172 Resp: 427940

Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.0	46.4
170	25.4	20.2	30.2

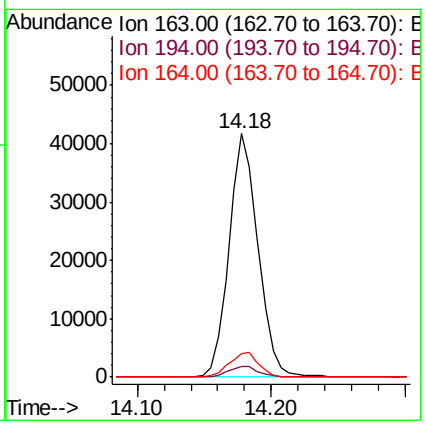


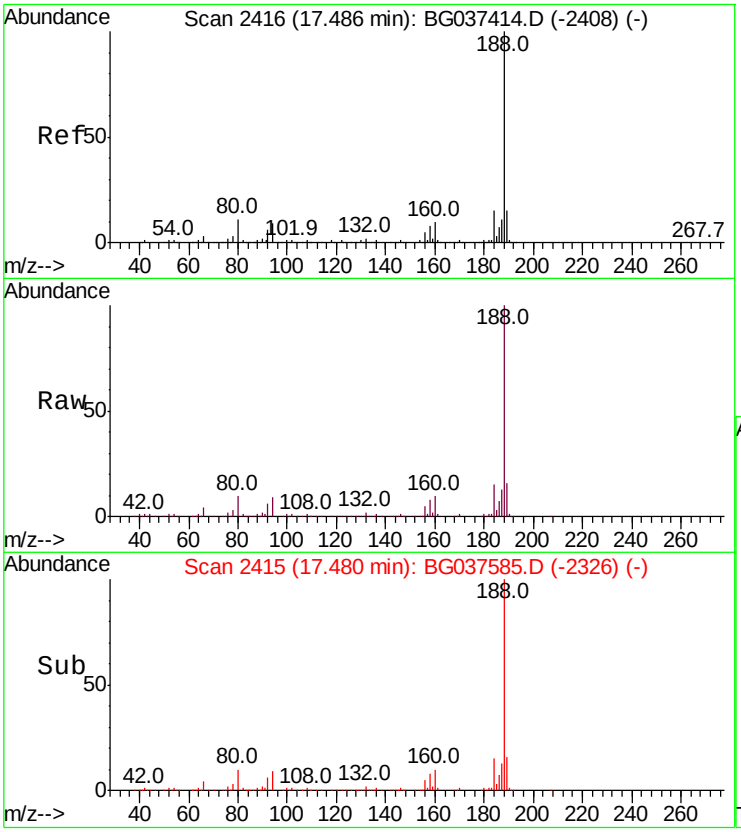


#50
Dimethylphthalate
Concen: 5.699 ng
RT: 14.18 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BG037585.D
Acq: 26 Oct 2018 17:51

Tgt Ion:163 Resp: 63156

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	9.8	8.5	12.7



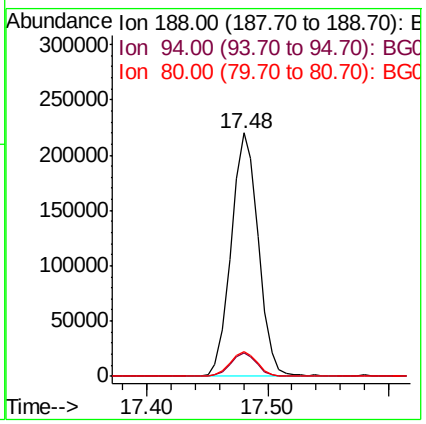


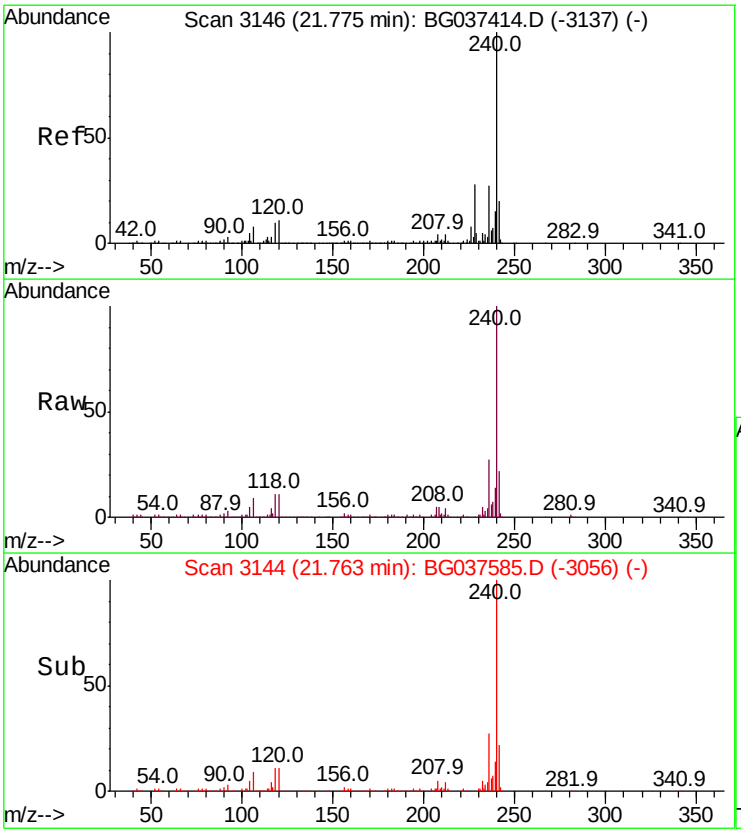
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037585.D
Acq: 26 Oct 2018 17:51

Instrument :
BNA_G
ClientSampleId :
DL-05B

Tgt Ion:188 Resp: 345353

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.1	7.7	11.5

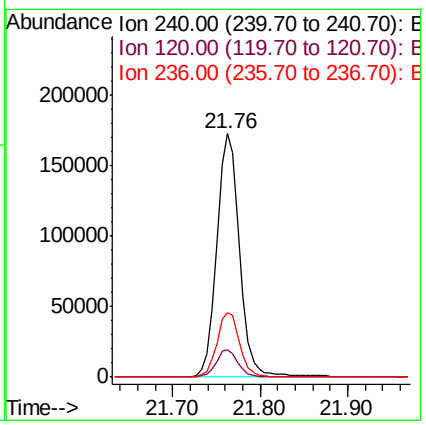


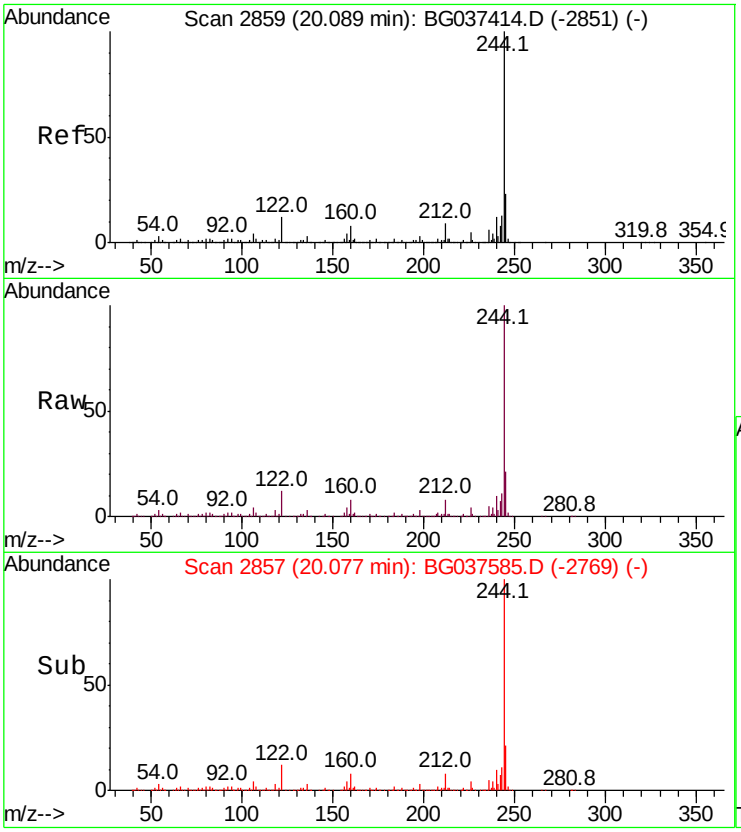


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037585.D
Acq: 26 Oct 2018 17:51

Tgt Ion:240 Resp: 311696

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.1	12.1
236	26.6	21.4	32.0



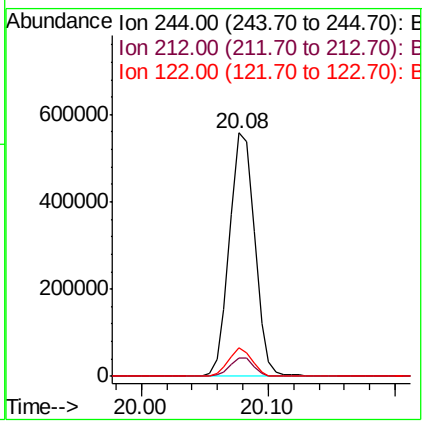


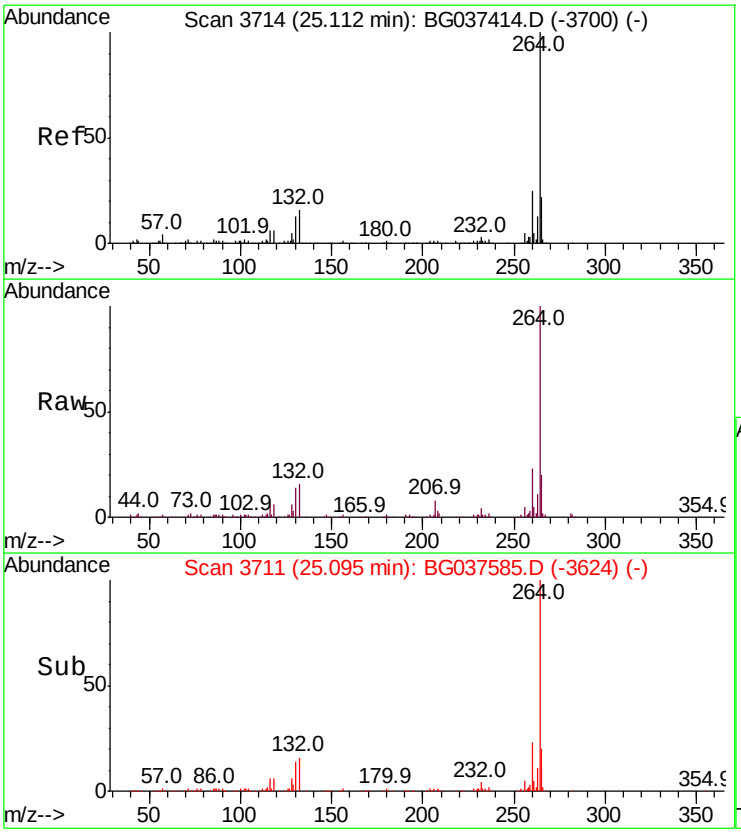
#79
Terphenyl-d14
Concen: 52.737 ng
RT: 20.08 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BG037585.D
Acq: 26 Oct 2018 17:51

Instrument :
BNA_G
ClientSampleId :
DL-05B

Tgt Ion:244 Resp: 769296

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	11.6	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG037585.D
Acq: 26 Oct 2018 17:51

Tgt Ion:264 Resp: 299575

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	20.0	17.9	26.9